

ABSTRACT

Character strings containing null can be reliably passed between objects without using a complicated process and without changing the character string type declared by the control object or service object. An interface object for passing character strings from a control object to a service object casts the character string received from the control object as a BSTR type even if the received string is LPCTSTR type, determines the number of characters in the string, converts the string to wide characters without dropping any characters in the string, and creates a COM-standard BSTR type wide character string. Null (0x00) and all following characters in the character string can therefore be reliably passed to the service object.